

# Team Diary

Team members:

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2. Batchala Gowtham 140260027
3. Abhinav Sonkar 135060007

October 10, 2014 Friday

Our team was formed on this day. We had decided to work on Sudoku auto solver. The topic seemed a bit simpler than other topics in the games category and everyone seemed to agree to that. We told our TA Shudhatma about our idea, and he was fine with it but he also warned us that there will be a lot of hard thinking involved as far as the algorithms were concerned. So, we discussed it out and Abhinav suggested doing some database management program. I added on saying library management, and everyone agreed upon it.

October 13, 2014 Monday

Today, we tried to read some projects from the previous years, and saw the different parts that we need to submit in our project. There was a library management project in one of those, which we studied in extra detail.

October 14, 2014 Tuesday

Today our discussion was in CS lab. We discussed what all functions will be required in the project. Basic library functions like issuing, returning books etc were discussed. We knew classes and structures are a very important part of our program, but since we hadn't yet studied these in class, we asked our TA to give us a brief description of what they are and how to use them in our program. We agreed to go to our respective hostels and try to briefly study these for future use.

October 17, 2014 Friday

Today, we divided up the work which we need to submit for the 1<sup>st</sup> stage. Abhinav agreed to do the draft user manual, Gowtham agreed to do the SRS file, and I wrote the sample code in Code : Blocks with assistance from both of them. At night, we mailed all our files to each other. I did some minor editing in the manual and the SRS that my teammates had made.

October 18, 2014 Saturday

Today we finished up writing the project report in my room. The entire report was typed by me, while the whole team contributed to the matter of the report. This concluded the files required for the 1<sup>st</sup> stage of the project. Later, we discussed the coding part which we need to complete and also the functions which are to be included and their working as far as the coding is concerned.

November 2, 2014 Sunday

Today I divided the coding among the three of us. First we made a complete idea about it, all the functions which we need in the program, and how and when they will be called. After this, we started writing a few of these functions. We worked for around 90 minutes. Later I discussed the further strategy of the project with the team.

November 9, 2014 Sunday

Today we completed most of the coding. All functions have been written, but there are still bugs which need to be sorted. We tried to sort out some, but still some bugs are there so we planned it to do it the next time. Since the major coding is over, I decided to divide some documentation work among us. I gave the job of SRS to Abhinav and we also needed some text files (books, users) for the code which I asked Gowtham to do.

November 15, 2014 Sunday

Today we spent only a little time because of the end semester exam. Some more

bugs were sorted out. I think the entire coding should be finished the next time we meet. Abhinav has done some work on the SRS, and Gowtham has finished up the text files I asked him to make.

November 20, 2014 Thursday

Today we did some test runs of the code, trying out all the functions one by one. I cleared out some of the doubts the others had about the code. My work is almost done. The documentation work is still going on. So we planned it to do it on Sunday.

November 23, 2014 Sunday

Today Abhinav gave me the SRS he had made. I edited it a bit to make it a bit more organized and also added a few more lines myself. Finally we checked our coding once more. Everything seems to work great. Together we made the necessary changes to the user manual and the project report, and also did a final check of all the documentations and the text files required for the program. The project is now complete.